

ABSTRACT

A system shown in the drawing automatically sends information stored in a server to a mobile terminal (MT) that has entered a service area. At least one access point station (AP#1) of access point stations (AP#1 to AP#3) installed in a high place is connected by cable to a contents server or an external network; a service area having a shape of a spot is deployed under the above access point station. Further, the access point station (AP#1) is linked wirelessly ad hoc to another access point station (AP#2, AP#3) by means of wireless P-P (point-to-point) link. Consequently, the another access point station can also deploy an equivalent hotspot service. Accordingly, a millimeter-wave ad hoc communication network spreading two-dimensionally can be realized without constructing a cable network.